

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name **LUIGI BARBERINI**

WORK EXPERIENCE

- Dates **2016- PRESENT**
- Name and address of employer
• Type of business or sector
• Occupation or position held
• Main activities and responsibilities
Universitary Hospital of Cagliari AOUC, Italy
Medical Physics
Technical Officer
Research activities in the technical scientific and Medical Physics: Coordinator Medical Physics Service, coordinator of the research unit "Unità di Analisi dei Segnali e delle Bioimmagini"; Expert in Medical Physics, Expert for the NIR (Non Ionizing Radiation); Expert for Magnetic resonance safety; expert for the LASER Safety.

- Dates **2007-2016**
- Name and address of employer
• Type of business or sector
• Occupation or position held
• Main activities and responsibilities
University of Cagliari, Italy
Academic
Technical Officer
Research activities in the technical scientific and data analysis areas:: Coordinator of the research unit "Unità di Analisi dei Segnali e delle Bioimmagini", Expert in Medical Physics and Responsible for the research activity of the Neurophysiology Complex Structure of the SSN.

- Dates **1998-2007**
- Name and address of employer
• Type of business or sector
• Occupation or position held
• Main activities and responsibilities
University of Cagliari, Italy
Academic
Research Fellow in Medical Physisc for Medicine Faculty of Cagliari University.
Research activities in the technical scientific and data analysis areas:: Coordinator of the research unit "Unità di Analisi dei Segnali e delle Bioimmagini"

EDUCATION AND TRAINING

- Dates July 2013
- Name and type of organisation University of Cagliari

providing education and training

- Principal subjects
- Title of qualification awarded

- Dates

• Name and type of organisation providing education and training

- Principal subjects
- Title of qualification awarded

- Dates

• Name and type of organisation providing education and training

- Principal subjects
- Title of qualification awarded

Professional Web page

Applications of Magnetic Resonance Imaging in Neurological diseases

Specialization in Medical Physics

2007

University of Cagliari, Italy

Studies and applications of metalation reactions on (alkylthio)benzenes

PhD

1998

University of Rome "La Sapienza"

Thermodynamic characterization of a photovoltaic energy accumulation system

Degree in Physics

<http://people.unica.it/lbarberini/>

Member of the Editorial board of Journal of Pediatric and Neonatal Individualized Medicine, peer-reviewed, open access (www.jpnim.com)

Member of the Editorial board in of Neurovascular Imaging, peer-reviewed, open access (www.nvijournal.com)

Consultant Referee of International journals of Physics in Medicine

Speaker in several Congresses

Investigator or co-investigator in research projects funded by public or private agencies or pharmaceutical companies

Author of 48 publications in application of Medical Physics

Author of 3 book chapters in magnetic resonance applications for Medicine:

1) Imaging in Neurodegenerative (Ed. Luca Saba)

2) Disorders Developmental Nephrology: from Embryology to Metabolomics (Ed. V. Fanos)

3) Magnetic Resonance Imaging Handbook (Ed. Luca Saba)

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

ENGLISH

- Reading skills

GOOD

- Writing skills

GOOD

- Verbal skills

GOOD

ORGANIZATIONAL SKILLS AND COMPETENCES

PARTICIPANT IN RESEARCH PROJECTS FUNDED BY NATIONAL AND LOCAL AGENCIES AND PRIVATE COMPANIES:

FPIV 1198, Serono Merck 2010, Fondazione Manco di Sardegna, 2010, 2012, 2015

Author of 49 publications on international papers and two book chapters.

Member of editorial boards:

Journal of Pediatric and Neonatal Individualized Medicine, peer-reviewed, open access

(www.jpnm.com);
Neurovascular Imaging, peer-reviewed, open access (www.nvijournal.com)
Adjunct Professor of Medical Physics and Computational Neurosciences since 2001.
Member of Academic Senate of Cagliari University 2012 2015

**TECHNICAL SKILLS
AND COMPETENCES**

MEDICAL PHYSICS, MAGNETIC RESONANCE IMAGING, METABOLOMICS (I HAVE INTRODUCED THIS DISCIPLINE IN CAGLIARI AND FOUNDED AND COORDINATED THE ORIGINAL GROUP), NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY (I HAVE ACQUIRED, INSTALLED AND MANAGED THE FIRST NMR DEDICATED TO THE CLINICAL METABOLOMICS IN CAGLIARI)
Expert in Safety for MRI
Expert in Safety for Laser, Electromagnetic Fields, Artificial Optical Radiation and Magnetic Resonance.

Professional Membership

ANPEQ Associazione Nazionale Professionale Esperti Qualificati (Socio Sostenitore)
AIFM Italian Association for Medical Physics
ISMRM Italian Chapter of international Society of Magnetic Resonance in Medicine
GIRPR Italian Researchers Group for Pattern Recognition

**COMPUTER SKILLS
AND COMPETENCES**

EXPERT IN INFORMATICS TECHNOLOGIES
PROGRAMMING IN MATLAB AND R ENVIRONMENT
EXPERTISE IN THE MOST DIFFUSED SOFTWARE AND PROGRAMS FOR DATA ANALYSIS AND STATISTICS

OTHER PUBLIC DOCUMENTATION ABOUT MY PROFESSIONAL ACTIVITIES CAN BE DISCLOSED FROM
UNIVERSITÀ DEGLI STUDI DI CAGLIARI WEB-SITE:
[HTTP://PEOPLE.UNICA.IT/LBARBERINI/](http://people.unica.it/lbarberini/)

ANNEXES

PAPERS ARE AVAILABLE FROM PUBLIC BIBLIOMETRIC SITES
GOOGLE SCHOLAR: <https://scholar.google.it/citations?user=VloRv0QAAAAJ&hl=it>
THOMSON REUTERS RESEARCHERID: G-3669-2012
SCOPUS: [HTTPS://WWW.SCOPUS.COM](https://www.scopus.com) AUTHORID: 6603032291
PUBMED SITE WITH AUTHOR NAME "BARBERINI, L"

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali.

Cagliari, Gennaio 2019